

WinSALTS

The Windows Version of the SALTS Program

Information on the Magnavox MX-6060 INMARSAT-B Land Portable Unit

SALTS CENTRAL

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What is INMARSAT-B?

INMARSAT-B service is the digital equivalent of INMARSAT-A service. INMARSAT-B uses less satellite bandwidth than INMARSAT-A, thus permitting lower calling charges. INMARSAT-B offers economical, high-quality voice at 16 kilobits per second (KBPS), and fax and data at 9.6 KBPS. And, with the High-Speed Data (HSD) option, you can connect to the commercial ISDN network. Maritime and land portable terminals are available for INMARSAT-B service.

Magnavox s Magnaphone MX-6060 Land Portable INMARSAT-B Unit

Many U.S. Marine Corps units have been outfitted with the Magnavox Magnaphone MX-6060 INMARSAT-B unit. In order to properly work with WinSALTS, the MX-6060 unit **must** have the HSD chip installed. This is an optional configuration feature, and incurs an additional charge. This also requires an 11-character Passcode, a sort of PIN-number, which must be entered into the MX-6060 unit. The vendor may have configured this already. Please check with your MX-6060 vendor for details.

WinSALTS/Magnaphone MX-6060 Setup Procedure

The following is a step-by-step procedure for setting up the MX-6060 terminal with the WinSALTS program:

- 1.) Erect, aim, and lock the MX-6060 unit onto satellite as explained in the user s manual.
- 2.) Setup and power-up the WinSALTS computer.
- 3.) Connect the modem RS-232 serial cable to the WinSALTS computer s COMPORT. Normally, the female, 9-pin end of the serial cable is connected to the male, 9-pin COM1 port.
- 4.) Connect the other end of the RS-232 serial cable to the MX-6060 s Data Port. Normally, the male, 25-pin end of the serial cable is connected to the female, 25-pin Data Port.

Note: The COM port/cable is used to transmit your data; NOT the RJ-11 telephone jack that was used with previous type of INMARSAT terminals.

- 5.) Place the MX-6060 unit into Data Mode by pressing the * and 8 keys. This must be done prior to your SALTS transmission.
- 6.) Start the WinSALTS program.

Note: You must have WinSALTS version 4.04 or later version.

- 7.) In WinSALTS:
 - a.) select System
 - b.) select Modem Settings
 - c.) select the appropriate COMPORT (usually COM1)
 - d.) select 19200 BAUD

Note: 1900 BAUD is the only setting that will work with the MX-6060 units.

- e.) select the HAYES 9600 Modem Type
- f.) select Tone
- g.) click the Done button

8.) In WinSALTS:

- a.) select System
- b.) select SALTS Phone No
- c.) click the Add button to add a new INMARSAT phone number entry
- d.) in the Description box, enter: MX-6060 INMARSAT
- e.) in the Phone Number box, enter: 001-215-697-9020
- f.) for Call Type, select INMARSAT
- g.) click the Done button

Important Note: The 9020 extension in the modem number above connects to a high-speed modem bank. If you have difficulties establishing a connection to this modem bank, try extension 1107 or 1108.

WinSALTS Transmissions

Once the MX-6060 unit and WinSALTS program have been properly configured, you should be ready to connect to the SALTS host.

In WinSALTS:

- a.) select Connect
- b.) select By Telephone
- c.) select the MX-6060 INMARSAT phone number entry you created in step #8 above
- d.) click the Connect button

Contact SALTS Prior to Deployments

Many Marine Corps units use the MX-6060 INMARSAT-B terminals with DET SALTS accounts. These accounts often go unused for extended periods of time between deployments. If the SALTS account has not been used within the last 60 days, the SALTS host has likely automatically deactivated it. Thirty days prior to going on deployment, you should contact SALTS CENTRAL at (215) 697-1112 or DSN 442-1112, or your nearest SALTS representative, to have the account re-activated. This will also give you ample time to test the account, allow the software to update, and to get familiar with the program before deployment.